

GRAEF 11-6-2009 DESIGNED E.E.J. CHECKED J.A.Z.

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- SI CONCRETE and in accordance with the applicable portions of Section 503 of the Standard Specifications. Reinforcement Bars shall conform to Section 508.
- 2. Expansion Bolts  $^3_4$  Inch shall consist of approved Expansion Anchors, and  $^3_4$ "  $\phi$ Hook Bolts which conform to Section 1006.09. These Bolts shall extend at least 8" into the new concrete.
- 3. The cost of removal and disposal of any existing timber headwalls and any excavation required to construct the culvert extensions and end sections shall be included in Concrete Structures.

## CULVERT EXTENSION AND END SECTION

F.A.P. RTE.	SECTION			COUNTY	TOTAL SHEETS	SHEET NO.
*	2009-092GRR			WILL	18	12
* VARIOUS			CONTRACT	NO. 60I45		
		ILLINOIS	FED. AI	D PROJECT		